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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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[REDACTED] EXAMINER

HUYNH, KIM T

ART UNIT	PAPER NUMBER
2189	

DATE MAILED: 10/17/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/531,240

Applicant(s)

PHILLIPS ET AL.

Examiner

Kim T. Huynh

Art Unit

2189

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on ____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) Claim(s) ____ is/are allowed.
- 6) Claim(s) 1-40 is/are rejected.
- 7) Claim(s) ____ is/are objected to.
- 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on ____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) The proposed drawing correction filed on ____ is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. ____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) The translation of the foreign language provisional application has been received.
- 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.

- 4) Interview Summary (PTO-413) Paper No(s) ____.
5) Notice of Informal Patent Application (PTO-152)
6) Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1, 3-5, 7-12, 14-26, 28-29 are rejected under 35 U.S.C. 102(e) as being anticipated by Wagner (U.S Patent 5,742,845)

a. As per claims 1 and 15,

- receiving semi-structured data from a personal digital assistant (PDA) in a format native to the PDA; (col.5, 48-67),
- parsing the semi-structured data to identify a type of the semi-structured data; (col.7, lines 30-40), (col.17, lines 19-26)
- sending a job to a destination indicated by the semi-structured data, if the semi-structured data is destination data. (col.5, lines 48-67), (col.17, lines 38-47 and 1-18)

- b. As per claims 3 and 17, the PDA is physically coupled to the communication station when sending the semi-structured data. (col.9, lines 61-67), (col.10, lines 1-9)
- c. As per claims 4, 7, 10, 14, 21, 18, 24 and 28 , prompting a user to select one of the plurality of destinations, if the destination data indicates a plurality of destinations. (col.10, lines 55-65), (col.19, lines 3-30, wherein prompts can be enter whatever operations and attributes implemented), (col.3, lines 10-16)
- d. As per claims 5 and 19, the destination dictates how the data is sent. (col.19, lines 3-30), (col.20, lines 30-39)
- e. As per claims 6 and 20, e-mailing the data if the destination is an e-mail address, and faxing the data if the destination is a fax number. (col.3, lines 47-53), (also see abstract, lines 1-32)
- f. As per claim 7, fetching information from a source indicated by the source-location data, if the semi-structured data is source-location data; (col.3, lines 47-53).
- g. As per claims 8 and 22, the destination may be one or more of the following: a copy feature of the communication device, an e-mail address, and a fax number. (col.5, lines 48-53)
- h. As per claims 9 and 12, fetching information comprises: connecting to a network; connecting to the source; and downloading the information from the source. (col.21, lines 59-67), (col.22, lines 1-9)

- j. As per claim 10, fetching information from a search location, if the semi-structured data is a search request; (col.3, lines 47-53)
 - k. As per claims 11 and 25, search request comprises an incomplete data set. (col.14, lines 48-60)
 - l. As per claim 18, a data structure logic to generate structured data from the semi-structured data and to determine if the destination data indicates a plurality of destinations; (col.7, lines 26-55), (col.3, lines 47-53)
 - m. As per claim 21, comprising: a retrieving logic to receive the structured data if the semi-structured data is source-location data, the retrieving logic further to fetch information from a source indicated by the source-location data; (col.3, lines 47-53), (col.7, lines 26-55)
 - n. As per claims 23 and 26, the retrieving logic is further to connect to the source through a network and download the information from the source. (col.17, lines 19-26)
 - o. As per claim 29, comprising: a PDA interface for indicating to the PDA what actions were performed. (col.7, lines 26-64)
3. Claims 30-40 are rejected under 35 U.S.C. 102(e) as being anticipated by Kumpf et al. (U.S Patent 6,412,022)

Kumpf discloses:

- a. As per claim 30, method comprising:

- receiving semi-structured data from a personal digital assistant (PDA) in a format native to the PDA; (col.5, lines 47-63), (col.6, lines 8-27)
 - parsing the semi-structured data to identify a type of the semi-structured data; (col.5, lines 1-7)
 - acting on data in the manner indicated by the semi-structured data and a user; (col.5, lines 47-63), (col.6, lines 8-27)
 - returning a confirmation receipt to the PDA in a format native to the PDA, the confirmation receipt including a unique identification (ID). (col.4, lines 27-58), (col.6, lines 14-27)
- b. As per claim 31, the unique ID includes 2 document/data sent, destination, and method of sending. (col.6, lines 14-27)
- c. As per claim 32, comprising: if the semi-structured data includes the unique ID, retrieving data associated with the unique ID, and permitting the user to reuse the data.(col.4, lines 27-58), (col.5, lines 47-63), (col.6, lines 14-18)
- d. As per claim 33, reusing the data comprises one or more of the following: re-printing a job, reusing addresses, reusing document/data, and pulling up the data on a different communications appliance. (col.4, lines 27-58), (col.5, lines 1-7), (col.5, lines 47-55), (col.5, lines 64-67), (col.6, lines 1-27)
- e. As per claim 34, A system comprising:
- a personal digital assistant (PDA);(col.9, lines 58-65)
 - a communications appliance coupled to a network;(col.6, lines 54-63)

- a memory for storing a unique job identification (job ID) for each job handled by the communications appliance.(col.5, lines 45-67)
the communications appliance comprising:
 - a communication interface to receive semi-structured data from the PDA; (col.5, lines 45-67), (col.6, lines 1-41)
 - a parser to parse the semi-structured data and to identify a type of the semi-structured data; (col.5, lines 45-67), (col.6, lines 1-41)
 - a sending logic for handing data based on the semi structured data received from the PDA; (col.5, lines 45-67), (col.6, lines 1-41)
 - the communication interface for returning the job ID to the PDA. (col.4, lines 27-58)
- f. As per claim 35, the job ID may include one or more of the following: identification of the item, destination of the item. (col.5, lines 45-67)
- g. As per claim 36, the destination of the item comprises one or more of the following: printing, faxing to an address, e-mailing to an address, and copying. (col.5, lines 47-63)
- h. As per claim 37, comprising: a user identification logic for identifying an owner of the PDA from whom the data is received. (col.6, lines 58-60), (col.5, lines 47-63), (col.7, lines 23-26)
- i. As per claim 38, the job ID further includes the identity of the owner of the PDA. (col.5, lines 47-63)
- j. As per claim 39, a job history may be displayed to the user, when the

user is identified. (col.6, lines 55-67), (col.7, lines 1-7, 23-26), (col.4, lines 27-61)

k. As per claim 40, a stored list of addresses used by the user in the past may be displayed to, the user when the user is identified. (col.5, lines 47-63), (col.6, lines 1-44)

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 2 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wagner (U.S Patent 5,742,845) in view of Kikinis et al. (U.S Patent 5,692,199)

a. As per claim 2, Wagner discloses all the limitations as above except the limitation that PDA wirelessly transmits the semi-structured data when sending the semi-structured data, in a standard PDA format to the communication station.

b. As per claim 16, Wagner discloses all the limitations as above except the limitation that the communication interface receives the data over an infrared beam in a standard PDA format.

However, Kikinis discloses a receiving station as IR capabilities to communicate data directly to PDA in an infrared interface. (col.16, lines 39-56)

It would have been obvious one having ordinary skills in the art at the time the invention was made to incorporate Kikinis's teaching into Wagner's method to include data receives and transmits via infrared beam or wireless so as to be convenience and compatible with the latest advancements in communication system technology.

6. Claims 13 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wagner (U.S Patent 5,742,845) in view of Vaudreuil (U.S Patent 5,740,230)

Wagner discloses all the limitations as above except the limitation that the search location is one or more of an internal directory of users, an electronic white pages as claimed in claims 13 and 27.

However, Vaudreil discloses communication system can provide directory services to both message senders, subscribers and nonsubscribers to allow them to locate a particular person to whom they might wish to send a message. (col.31, lines 56-67), (col.32, lines 1-15)

It would have been obvious one having ordinary skills in the art at the time the invention was made to incorporate Vaudreuil's teaching into Wagner's method to have a directory for easier and faster access to locate the particular information in a system.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Maniwa et al. [USPN 5,768,483] discloses method of reporting result of execution of print job in network system, method of setting scanning conditions in network system, and network printing/scanning system.

Williams [USPN 5,854,595] discloses pager that receives message formats selected messages and stores the formatted messages.

8. *Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim Huynh whose telephone number is (703)305-5384 or via e-mail addressed to [kim.huynh3@uspto.gov]. The examiner can normally be reached on M-F 8:30AM-6:30PM.*

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Wong can be reached on (703)305-3477 or via e-mail addressed to [Peter.Wong@uspto.gov]. The fax phone numbers for the organization where this application or proceeding is assigned are (703)746-7249 for regular communications and (703)746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)306-5631.

Kim Huynh

October 9, 2002


PETER WONG
SUPERVISORY PATENT EXAMINER
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